

## State of Idaho DEPARTMENT OF WATER RESOURCES

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> C. L. "BUTCH" OTTER Governor DAVID R. TUTHILL, JR. Interim Director

April 27, 2007

Parties and Others Identified on the Attached Service List

Re: Informational Status Conference to Discuss Idaho Dairy Association and Water Mitigation Coalition Mitigation Agreements

Dear Parties and Others:

On April 13, 2007, the Department received mitigation agreements for members of the Idaho Dairy Association (IDA) and the Water Mitigation Coalition (WMC).

The applicability of the IDA and WMC agreements to mitigation owed by members of the Idaho Ground Water Appropriators to members of the Surface Water Coalition for 2007 was discussed in subsequent meetings to which the parties and other participants were present.

I plan to hold an informational status conference to allow for specific discussion of the IDA and WMC agreements and their implementation for 2007. The long range application of the agreements will be addressed at a later time.

The informational status conference will begin at 9:00 a.m. at the Department on May 2, 2007. Attorneys and experts for the parties to the IDA and WMC agreements are requested to be present to discuss the agreements. Telephonic participation will be available by calling the following number: (713) 576-2027; and entering the following participant code: 275568.

A review of the IDA and WMC agreements by the Department has raised the following questions:

## 1. IDA Agreement

a. Please provide Exhibit B (Depletion Calculation) and Exhibit C (Idaho Dairymen's Association Mitigating Members and Their Water Rights) to IDWR.

- b. For Exhibit B, please provide references, flow meter readings, or any other data to support the depletion calculations to IDWR.
- c. Similar to the previous question, please provide information to IDWR to support the computation of 29.1 gallons of water per day as the depletion for each cow.
- d. Does the consumptive volume of 29.1 gallons of water per day per animal include the volume of wash and flush water required per lactating cow? If the volume of wash and flush water is included, what kind of washing system is assumed for the calculation?
- e. Is the volume of water consumed by dry cows, replacement cows, and young heifers included in the 29.1 gallons of water per day per animal?
- f. Define what the term "2007 Study Animal #" means? See pages 1-8, column 2 of "Enhanced ESPAM Version 1.1 Steady State Impact Fraction by Reach." For example, on page 8 of the abovementioned spreadsheet, there is a total of 280,502 cows. Does this total refer to the number of mature dairy cows (dry and lactating), only lactating cows, other types of cows, or a combination of all types of cows?
- g. If this depletion estimate is determined to be low, how will the difference be addressed?

## 2. WMC Agreement

- a. How was the figure of 10,000 acre-feet per annum (afa) of mitigation obtained? The "Estimated Processor Diversion Worksheet for Transient ESPAM Analysis" shows a "Total Modeled Consumptive Volume" of 30,855.10 afa.
- b. The list of water rights associated with the Agreement includes some water rights for irrigation purposes. Is there an intent to provide mitigation water for irrigation purposes? How were the consumptive use fractions determined for food processing and irrigation? Knowing that JRS-Howe Farms' water rights are for irrigation, what types of irrigation equipment are used and what system efficiencies were used in the determination of the consumptive fraction? What period of time was used for these calculations (i.e. 1990–2000)? Is this an average, below, or above normal weather period?

- c. In the submitted documentation, it has been determined that consumptive fraction numbers and associated water rights are associated with irrigation and industrial use. What is the basis for using .80 as the consumptive fraction for commercial/industrial and .68 for irrigation?
- d. Who determines when and where the mitigation water is made available? Page 1, ¶ D of the Water Rental Agreement indicates that the Senior Water Coalition is in control. Page 1-2, ¶ 2 states that the diversion will be mutually determined by the Senior Water Coalition and MID.
- e. The X-axis on the last chart attached to the Agreement, "Estimated Steady State Reach Gains from Specific Priority Curtailment," starts at 1960; the inserted table includes 1904. If the intent of the agreement is to only mitigate for depletions junior to 1960, why is 1904 shown if the mitigation should not include this depletion volume?

Please be prepared to answer these and any other questions that the Department or other parties or participants may have.

Sincerely,

David R. Tuthill, Jr.

Director

Attached Service List

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on this day of April, 2007, the above and foregoing, was served by the method indicated below, and addressed to the following:

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